

# Work Order ID 83075

**\*83075\***

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April-12-12 4:09:15 PM

Item ID: D2013-4 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Mirror Bracket RH, 212  
 Start Date: 12/04/2012 Start Qty: 6.00 **\*6\*** Cust Item ID:  
 Required Date: 26/04/2012 Req'd Qty: 6.00 **\*6\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 12/04/13 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2013	Rev C								

100  
**\*100\***  
 Brake NC  
 Brake NC  
 NC BRAKE  
 Memo  
 1-Punch as per template D2013-T3 and Dwg D2013 SB 12/05/10  
 2-Flatten ends of D2013-3 tube as per Dwg D2013 using DT8545  
 3-Bend (1) tube as per Dwg D2013 using Jig DT8201  
 Identify as D2013-3.  
 4-Deburr as required  
 0.00  
 0.00  
 6 6 FF 12-05-17

110  
**\*110\***  
 QC  
 Quality Control  
 QC5- Inspect part completeness to step on W/O  
 Memo  
 0.00  
 0.00  
 6 hhl 12-05-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 83075

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April-12-12 4:09:15 PM

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 Item Name: Mirror Bracket RH, 212  
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 Required Date: 26/04/2012 Req'd Qty: 6.00 **\*6\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Identify as per dwg & Stock Location: <i>u/f</i>	0.00							
<b>*120*</b>									
Packaging	Memo	0.00				<i>6</i>		<i>12-5-23</i>	
Packaging									
130	QC21- Final Inspection - Work Order Release	0.00							
<b>*130*</b>									
QC	Memo	0.00							
Quality Control									

*12/5/25*  
*mf*  
*12-05-23*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April-12-12 4:09:18 PM

Page 1

Work Order ID: 83075

\*83075\*

Parent Item: D2013-4

\*D2013-4\*

Parent Item Name: Mirror Bracket RH, 212

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP Rev:A New Issue 05-11-01 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.750W.049		Purchased	No			100	f	306.2570	1.9473	12.29874			

\*M304TR0 750W 049\*

304 RD Tube .750 x .049W

\*\*

SB 12/05/10

Location

Loc Qty

Loc Code

MAT017

306.257

109314

9.333

111619

3

112187

4

112800

11

114852

2.75

116108

3

117797

0.75

120441

37.534

121170

234.89

121170

15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

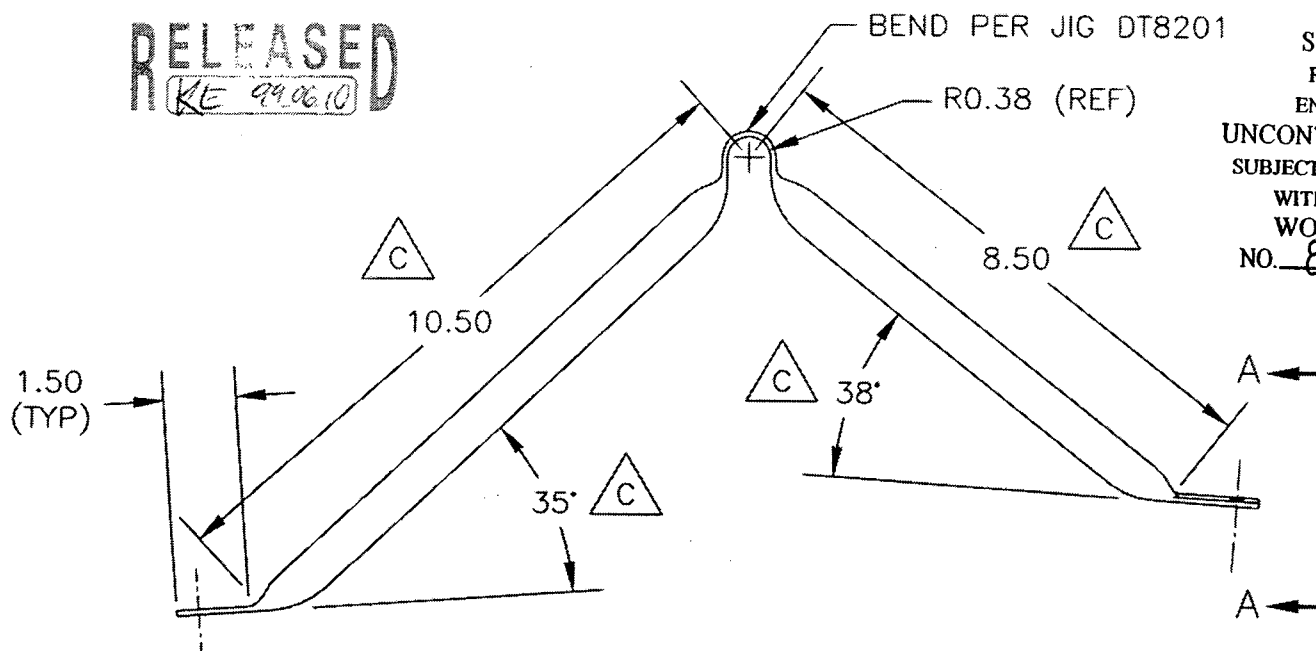
**NOTE:** Date & initial all entries

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KE 99.06.10

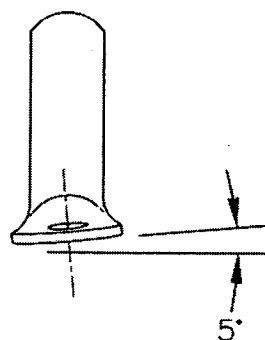
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RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 83075 MWS

12/04/13

**DART**



D2013-1 LH SHOWN  
D2013-2 RH OPPOSITE  
(FOR 205 MIRROR)



VIEW A-A

DRILL  $\phi 0.257$  (TYP)  
0.400 (TYP)

CUT LENGTH: 23.25 INCHES

MATERIAL: AISI 304/316 SS SEAMLESS TUBE,  
0.750 OD x 0.049 WALL

DESIGN	JB	DRAWN BY	RT	DART AEROSPACE LTD
CHECKED	KE	APPROVED	JD	HAWKESBURY, ONTARIO, CANADA
DATE	99.06.07	TITLE	D2013	REV. C
			MIRROR BRACKET	SHEET 1 OF 3
			NEW ISSUE	SCALE
			REDRAWN	NTS
			REDRAWN, CHANGE OF DIMENSIONS	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



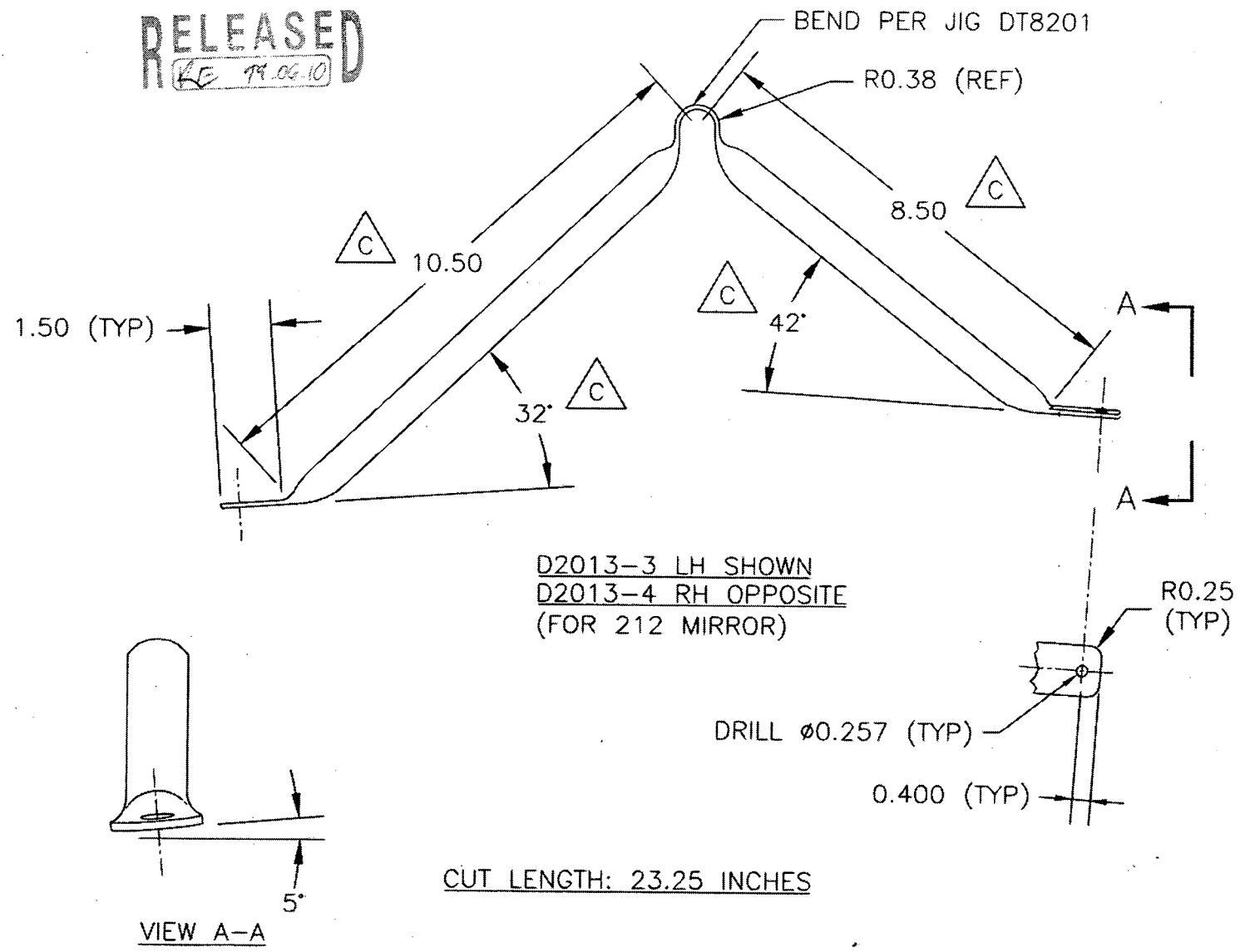
83075

RELEASED  
KE 79.06.10

**DART**

QA CONTROL

DESIGN	JB	DRAWN BY	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	KE	APPROVED	RF	
DATE	99.06.07	TITLE	D2013	REV. C
		MIRROR BRACKET		SHEET 2 OF 3
				SCALE
				NTS



D2013-3 LH SHOWN  
D2013-4 RH OPPOSITE  
(FOR 212 MIRROR)

CUT LENGTH: 23.25 INCHES

MATERIAL: AISI 304/316 SS SEAMLESS TUBE,  
0.750 O.D. x 0.049 WALL

Copyright 1990 by DART AEROSPACE LTD

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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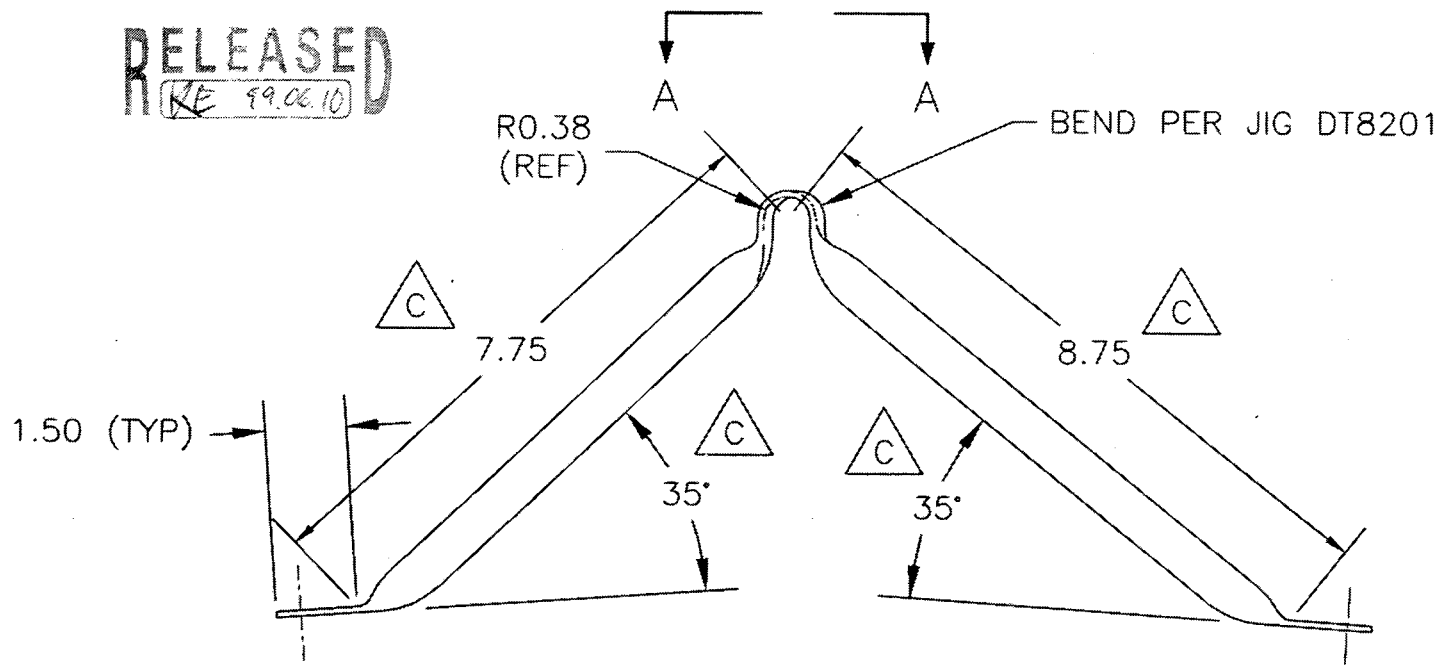
**NOTE:** Date & initial all entries

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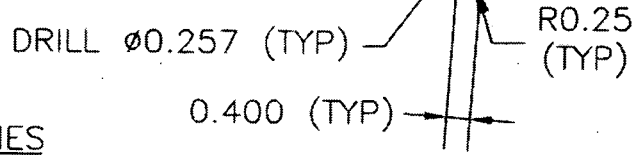
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KE 99.06.10

**DART**

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D2013-5 LH SHOWN  
D2013-6 RH OPPOSITE  
(FOR 204 MIRROR)



CUT LENGTH: 20.75 INCHES

MATERIAL: AISI 304/316 SS SEAMLESS TUBE,  
0.750 O.D. x 0.049 WALL

DESIGN	JB	DRAWN BY	KE	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	KE	APPROVED	KE	DRAWING NO. D2013
DATE	99.06.07	TITLE	MIRROR BRACKET	REV. C SHEET 3 OF 3
		SCALE	NTS	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries